MODIS TECHNICAL TEAM MEETING

February 16, 1995

The MODIS Technical Team Meeting was chaired by Vince Salomonson. Present were David Herring, Dorothy Hall, Locke Stuart, Barbara Putney, Bill Barnes, Al Fleig, Joann Harnden, John Barker, Harry Montgomery, Ken Anderson, and Wayne Esaias.

1.0 SCHEDULE OF EVENTS

Feb. 20	MODIS Ocean Discipline Group Meeting, in Miami, FL
Feb. 21 - 24	Workshop on international Calibration/Validation Efforts for EOS Ocean Color Sensors, in Miami, FL
Feb. 27-28	EOSDIS PDR Wrap-up of all Segments
March 1 - 2	SWAMP Meeting
March 10	MODIS Software Readiness Review
April 15	Quarterly Reports Due to Barbara Conboy
May 2	MODIS Calibration Working Group
May 3 - 5	MODIS Science Team Meeting

2.0 MINUTES OF THE MEETING

2.1 MODIS Project Reports

Barnes reported that SBRC is still working on the electronics problems in the MODIS Engineering Model (EM). He estimates that SBRC will resume testing in 7 to 10 days. Barnes noted that SBRC has lost all of their schedule cushion in building the EM and are starting to negatively affect the schedule for the Protoflight Model (PFM). In short, due to the electrical problems experienced on the EM, the PFM schedule has slipped about 1 month. Barnes pointed out, however, that there is some slack in the PFM schedule, so the slip is not a critical problem.

2.2 SDST Reports

Salomonson asked how the ECS SDPS (ESDIS Core System Science Data Processing System) review is going. Putney responded that the review is going well and that there are no issues of major concern for MODIS so far. She said the current plan is to provide the MODIS Team with a processing capacity that is 4.2 times the stated processing requirements.

2.2.1 Simulated Data

Fleig reported that SDST is making good progress on getting the MODIS camera model working for their ghosting analysis. He said there is some question as to why the instrument performance {?with regards to what?} is not flat. However, Fleig is convinced that it just isn't flat because that is the characteristic way

MODIS will perform. He pointed out that this effect can be corrected in the software. Barker added that prior to launch, he will have a program enabling him to perform sensitivity studies and derive instrument performance parameters.

Salomonson asked if SDST plans to produce simulated Level 1B data. Fleig responded that SDST will produce simulated data to meet every need the MODIS Team has in its test program, and according to the required test schedule.

2.3 MAST Reports

Stuart reported that an Award Fee Progress Review was held at GSC yesterday. He feels that the review was productive.

Stuart announced that if the MODIS Discipline Groups wish to hold splinter meetings throughout the year, MAST will assist with the logistics planning, but the Discipline Groups will have to pay for their own proceedings.

3.0 ACTION ITEMS

3.1 Action Items Carried Forward

1. *Herring:* Invite Ricky Rood to attend the upcoming MODIS Science Team Meeting. [Invitations will be sent during the week of Feb. 12.]
2. *Herring*: Present the final Agenda and Science Team Meeting logistics at the next Technical Team Meeting. [The Agenda is still being iterated on by the Team.]
3. *Guenther:* Report the modeled results of the 1,000K source for SBRC's integration and alignment collimator to the Technical Team.
4. *Weber*: Work with SBRC to obtain MODIS test data. [Test data are forthcoming from SBRC.]
5. *MODIS Team*: Determine how, given the MODIS bowtie effect, MODIS images will be produced at launch. [This may be a suitable topic for discussion at the next Science Team Meeting.]
6. *Fleig and Ungar*: Interact with the group leaders prior to developing a MODIS data simulation plan for review at the next Science Team Meeting. [Work on this item is still in progress.]

4.0 ATTACHMENTS

Note: All recent MODIS documents are maintained in MODARCH. If you would like access to or information about MODARCH, please contact the MODARCH System Administrator, Michael Heney, at (301) 286-4044 or via e-mail at mheney@ltpmail.gsfc.nasa.gov.

1. Ocean Group's Productivity Algorithm Workshop Report, by MOCEAN.

2. Suggestions for Calibration Coefficient Generation, by Phil Slater and Stuart Biggar
3. The Earth Observing System, by Michael D. King, David D. Herring, and David J. Diner
4. MODIS Level 1B Calibration ATBD, by MCST
5. Lunar Viewing Opportunities from the MODIS Space Viewport, by Brij Gambhir and Jack Shumaker